Problem statement 1

```
For more help on how to use Docker, head to https://docs.docker.com/go/guides/
docker:default
                                                                                                                                                      1.9s
0.2s
                                                                                                                                                      0.1s
                                                                                                                                                      8.0s
                                                                                                                                                    14.0s
                                                                                                                                                      0.0s
 => transferring context 153.31kB

=> [2/7] RUN apt-get update -y

=> [3/7] RUN apt-get install -y git curl apache2 php libapache2-mod-php php-mysql

=> [4/7] RUN rm -rf /var/www/html/*

=> [5/7] ADD src /var/www/html/*

=> [6/7] RUN a2epmod rewrite
                                                                                                                                                     1.3s
34.5s
                                                                                                                                                      6.0s
3.5s
 => [6/7] RUN a2enmod rewrite
=> [7/7] RUN chown -R www-data:www-data /var/www/html
                                                                                                                                                     12.6s
 => => writing layers
=> => writing image sha56:e3c254c2a213aa1fd939220b8dac3f88b5d59cb4f59b38f3639e25a1e2fc8ec6
=> => naming to docker.io/library/phpcode
                                                                                                                                                      0.4s
What's Next?
   View summary of image vulnerabilities and recommendations → docker scout quickview
C:\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker run -d --name phpcode -p 80:80 phpcode d64af9fc20b2ab05ca9b8f87e490bcf6f739be61ee6c829b322120e0938d451f
C:\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker images
                                                                                          SIZE
276MB
REPOSITORY
                                   TAG
                                                IMAGE ID
e3c254c2a213
                                                                    CREATED
                                   latest
                                                                    20 minutes ago
phpcode
```

Problem statement-2

```
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker images
                              TAG
POSITORY
                                          IMAGE ID
                                                            CREATED
pcode
                                          e3c25#c2a213
                                                            42 minutes ago
                              latest
                                                                                276MB
cker/welcome-to-docker
                                          912b66cfd46e
                                                                                13.4MB
                             latest
                                                            5 weeks ago
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker ps
DNTAINER ID IMAGE COMMAND CREATED STATUS PORTS
                                                                           NAMES
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker swarm init
varm initialized: current node (le4d651fs5abit6rmhnsct7tk) is now a manager.
 add a worker to this swarm, run the following command:
  docker swarm join --token SWMTKN-1-580md45mnuivyl2cfwsx0xph6mygh1e9br183rtreupuweyfs8-bf3hjjn32t2ofntsdc7rh93vo 192.
 add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker node ls
HOSTNAME STATUS AVAILABILITY
                                                                                   MANAGER STATUS
                                                                                                        ENGINE VERSION
4d651fs5abit6rmhnsct7tk *
                                 docker-desktop
                                                      Ready
 Users\Swaroop\Desktop\EclipseWorkspace\Docker-master
```

Problem statement-3

```
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker images
                                         IMAGE ID CREATED
e3c254c2a213 42 minutes ago
                              TAG
                              latest
                                                                                 276MB
                                          912b66cfd46e 5 weeks ago
cker/welcome-to-docker
                             latest
                                                                                 13.4MB
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker ps
DNTAINER ID IMAGE COMMAND CREATED STATUS PORTS
                                                                            NAMES
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker swarm init
varm initialized: current node (le4d651fs5abit6rmhnsct7tk) is now a manager.
 add a worker to this swarm, run the following command:
  docker swarm join --token SWMTKN-1-580md45mnuivyl2cfwsx0xph6mygh1e9br183rtreupuweyfs8-bf3hjjn32t2ofntsdc7rh93vo 192.
 add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.
\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>docker node ls
HOSTNAME STATUS AVAILABILITY
                                                                                     MANAGER STATUS
                                                                                                         ENGINE VERSION
4d651fs5abit6rmhnsct7tk *
                                  docker-desktop
                                                      Ready
                                                                   Active
```

Problem statement-4

Problem statement-5

Problem statement-6

C:\Users\Swaroop\Desktop\EclipseWorkspace\Docker-master>chmod 777 docker.sock